



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: May 20, 2008

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Construction For Zone 2 Pavement Preparation, Slurry Seal, And Construction Services

RECOMMENDATION: That Council:

- A. Award and authorize the Public Works Director to execute a contract with Granite Construction (Granite) in their low bid amount of \$333,776, for construction of the Zone 2 Pavement Preparation, Bid No. 3529, and to approve expenditures up to \$33,378 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment;
- B. Award and authorize the Public Works Director to execute a contract with Roy Allan Slurry Seal, Inc. (Roy Allan), in their low bid amount of \$1,364,239, for construction of the Zone 2 Slurry Seal, Bid No. 3530, and to approve expenditures up to \$136,423 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment; and
- C. Authorize the Public Works Director to execute a contract with Flowers and Associates (Flowers), in the amount of \$177,900, for construction support services, and to approve expenditures of up to \$17,800 for extra services of Flowers that may result from necessary changes in the scope of work.

DISCUSSION:

EXECUTIVE SUMMARY

The Pavement Preparation and Slurry Seal Construction Contracts are part of the annual Pavement Maintenance Program to maintain our streets. Each year, a specific area in the City is planned for slurry seal maintenance and Zone 2 is now proposed for pavement repair (see Attachments). Breaking up the City into zones allows the streets to be methodically maintained on an annual basis. These contracts are aimed at preserving the roads for the future and correcting any subsurface failures.

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PROJECT DESCRIPTION

These projects are funded in part by Measure D. The Pavement Preparation and Slurry Seal are two separate construction specialties and they are bid as two separate contracts. The Pavement Preparation work is completed prior to, and in coordination with the Slurry Seal. The intent of the Pavement Preparation is to repair failed pavement areas by grinding or removing and replacing asphalt, or by filling holes to create a smooth safe surface for traffic circulation. The Slurry Seal follows up the pavement preparation by sealing the surface. In essence, the sealing is aimed at filling the porous space within the pavement with a protective coating, making the surface impervious. Pavement Preparation and Slurry Sealing are part of the annual asphalt concrete Pavement Maintenance Program. In conjunction with these projects, City parking lots at the Harbor Entrance, Harbor Commercial, and Harbor Maintenance have been included, on behalf of the Waterfront Department, to take advantage of economies of scale. In addition, Staff will also be completing an area in the Westside Neighborhood that was skipped last year to avoid conflicting with the third and final phase of the Westside Storm Water Control Project.

PAVEMENT PREPARATION CONTRACT BIDS

The following is a summary of the two construction contracts:

A total of 6 bids were received for the Pavement Preparation Project, ranging as follows:

BIDDER	BID AMOUNT
1. Granite Construction, Inc., Watsonville, CA	\$333,776.00
2. Berry Engineering Construction, Upland, CA	\$415,230.00
3. Cinary Construction, Inc., Calabasas Hills, CA	\$416,546.00
4. Nye & Nelson, Inc., Ventura, CA	\$418,755.50
5. Lash Construction, Inc., Santa Barbara, CA	\$438,826.00
6. Union Asphalt, Inc., Santa Maria, CA	\$440,620.00

The low bid of \$333,776, submitted by Granite Construction, Inc. (Granite), is an acceptable bid that is responsive to and meets the requirements of the bid specifications.

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The change order funding recommendation of \$33,378, or 10%, is typical for this type of work and size of project.

SLURRY SEAL CONTRACT BIDS

A total of 4 bids were received for the Slurry Seal Project, ranging as follows:

BIDDER	BID AMOUNT
1. Pavement Coatings Co., Cypress, CA	\$1,024,394 (*bid was withdrawn)
2. Roy Allan Slurry Seal, Inc., Santa Fe Springs, CA	\$1,364,239
3. American Asphalt South, Inc., Fontana, CA	\$1,481,508
4. Valley Slurry Seal, Inc., Sacramento, CA	\$1,608,814

*The low bid of \$1,024,394, submitted by Pavement Coatings Co., was requested to be withdrawn by the contractor due to a clerical error. In conformance with the California Public Contracting Code, Pavement Coatings Co. submitted paperwork substantiating their clerical error, and was found to be acceptable for withdrawal.

The second low bid of \$1,364,239, submitted by Roy Allan Slurry Seal, Inc. (Roy Allen), is an acceptable bid that is responsive to and meets the requirements of the bid specifications.

The change order funding recommendation of \$136,423, or 10%, is typical for this type of work and size of project.

CONSTRUCTION PHASE CONTRACT SERVICES

Staff recommends that Council authorize the Public Works Director to execute a contract with Flowers and Associates (Flowers) in the amount of \$177,900 for material testing and inspection services. Flowers is on the City's Prequalified Engineering Services list and is experienced in this type of work.

The change order funding recommendation of \$17,800, or 10%, is typical for this type of work and size of project.

The current project management approach maximizes the use of City Staff for cost effective construction management and the consultant's flexible nature for meeting the fluctuating project inspection needs.

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FUNDING

There are sufficient funds in the Streets Capital Fund to cover the cost of this project.

The following summarizes the expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
Granite Construction (Pavement Preparation Contractor)	\$333,776	\$33,378	\$367,154
Roy Allan Slurry Seal (Slurry Seal Contractor)	\$1,364,239	\$136,423	\$1,500,662
Flowers and Associates	\$177,900	\$17,800	\$195,700
TOTAL RECOMMENDED AUTHORIZATION			\$2,063,516

The following table summarizes the estimated total project cost:

ESTIMATED TOTAL PROJECT COST

Design (by City staff)	\$32,000
Design (by Contract)	\$63,697
Subtotal	\$95,697
Pavement Preparation Contract	
Construction Contract (Pavement Preparation)	\$333,776
Construction Change Order Allowance	\$33,378
Slurry Seal Contract	
Construction Contract	\$1,364,239
Construction Change Order Allowance	\$136,423
Subtotal	\$1,867,816
Testing and Inspection Services (by Contract)	\$195,700
Construction Management (by City Staff)	\$45,000
Subtotal	\$240,700
TOTAL PROJECT COST	2,204,213

SUSTAINABILITY IMPACT:

The goal of the annual pavement maintenance project is pavement preservation. Cost benefit analysis has shown that preserving the pavement for longer periods of time is far superior to waiting for an overlay or complete road reconstruction. Overlays and road reconstruction not only use large quantities of resources, but also are much more disruptive to the transportation system. "An ounce of slurry prevention is worth a pound of new pavement."

ATTACHMENT(S): 1. Zone 2 Pavement Preparation Map
2. Zone 2 Slurry Seal Map

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SUBMITTED BY: Paul Casey, Acting Public Works Director

APPROVED BY: City Administrator's Office



